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### 1 Adaptive hypermedia (2): User-controlled link adaptation 80%

Theophanis Tsandilas , m. c. schraefel

**Proceedings of the fourteenth ACM conference on Hypertext and hypermedia**  
August 2003

This paper introduces an adaptable hypermedia approach applied to adaptive link annotation techniques. This approach suggests that the combination of direct manipulation with automated link annotation affords greater user control over page adaptation. In turn, this direct control better supports user focus in information discovery tasks. Unlike adaptive-only systems, our approach lets users both define multiple topics of interest and then manipulate how these topics' associated links are present ...

### 2 m-links: An infrastructure for very small internet devices 77%

Bill N. Schilit , Jonathan Trevor , David M. Hilbert , Tzu Khiau Koh

**Proceedings of the 7th annual international conference on Mobile computing and networking** July 2001

In this paper we describe the Mobile Link (m-Links) infrastructure for utilizing existing World Wide Web content and services on wireless phones and other very small Internet terminals. Very small devices, typically with 3-20 lines of text, provide portability and other functionality while sacrificing usability as Internet terminals. In order to provide access on such limited hardware we propose a small device web navigation model that is more appropriate than the desktop computer's web brows ...

### 3 Web accessibility: Web accessibility for low bandwidth input 77%

Jennifer Mankoff , Anind Dey , Udit Batra , Melody Moore

**Proceedings of the fifth international ACM conference on Assistive technologies**  
July 2002

One of the first, most common, and most useful applications that today's computer users access is the World Wide Web (web). One population of users for whom the web is especially important is those with motor disabilities, because it may enable them to do things that they might not otherwise be able to do: shopping; getting an

education; running a business. This is particularly important for low bandwidth users: users with such limited motor and speech that they can only produce one or two signs ...

#### 4 The <bigwig> project

77%



Claus Brabrand , Anders Møller , Michael I. Schwartzbach

**ACM Transactions on Internet Technology (TOIT)** May 2002

Volume 2 Issue 2

We present the results of the <bigwig> project, which aims to design and implement a high-level domain-specific language for programming interactive Web services.

A fundamental aspect of the development of the World Wide Web during the last decade is the gradual change from static to dynamic generation of Web pages. Generating Web pages dynamically in dialog with the client has the advantage of providing up-to-date and tailor-made information. The development of systems ...

#### 5 1a---Links and Navigation: The look of the link - concepts for the user interface of extended hyperlinks

77%



Harald Weinreich , Hartmut Obendorf , Winfried Lamersdorf

**Proceedings of the twelfth ACM conference on Hypertext and Hypermedia**

September 2001

The design of hypertext systems has been subject to intense research. Apparently, one topic was mostly neglected: how to visualize and interact with link markers.

This paper presents an overview of pragmatic historical approaches, and discusses problems evolving from sophisticated hypertext linking features. Blending the potential of an XLink-enhanced Web with old ideas and recent GUI techniques, a vision for browser link interfaces of the future is being developed. We hope to stimulate ...

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